

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	("10531578").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/02 08:17
S2	0	("101531873").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/02 08:08
S3	0	("10531873").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/02 08:08
S4	0	("11659977").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/02 08:09
S5	0	("10527440").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/02 08:10
S6	1	("7029511").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/02 08:10
S7	1	("7208108").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/02 08:11
S8	1	("6746748").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/02 08:12
S9	0	("67467482").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/02 08:12
S10	1	("6764742").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/02 08:12
S11	1	("6984253").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/02 08:13
S12	1	("7011803").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/02 08:13
S13	1	("7056568").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/02 08:13
S14	1	("7029511").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/02 08:14
S15	1	("7208108").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/02 08:14
S16	1	("7056558").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/02 08:14
S17	1	("7056568").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/02 08:14
S18	1	("7083842").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/02 08:15
S19	1	("7179516").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/02 08:15
S20	0	("10504519").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/02 08:16
S21	0	("10505334").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/02 08:16

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S22	0	("10514504").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/02 08:16
S23	0	("10531873").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/02 08:17
S24	0	("Uchida and Otsuka and Ichikawa and honeycomb").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/02 08:18
S25	0	("Uchida and Otsuka and Ichikawa and honeycomb").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/02 08:18
S26	2	Uchida and Otsuka and Ichikawa and honeycomb	US-PGPUB; USPAT	SAME	ON	2007/08/02 10:29
S27	1	("6878337").PN.	US-PGPUB; USPAT	SAME	ON	2007/08/02 10:32
S28	0	("6582796B1").PN.	US-PGPUB; USPAT	SAME	ON	2007/08/02 10:32
S29	0	("6582796 B1").PN.	US-PGPUB; USPAT	SAME	ON	2007/08/02 10:32
S30	3	"6582796" B1	US-PGPUB; USPAT	SAME	ON	2007/08/02 10:33
S31	26	"4777152"	US-PGPUB; USPAT	SAME	ON	2007/08/02 10:34
S32	5	"5521129"	US-PGPUB; USPAT	SAME	ON	2007/08/02 10:35
S33	0	2003/0041574 A1	US-PGPUB; USPAT	SAME	ON	2007/08/02 10:36
S34	0	"0041574" A1 and Noguchi	US-PGPUB; USPAT	SAME	ON	2007/08/02 10:37
S35	0	"0041574" A1	US-PGPUB; USPAT	SAME	ON	2007/08/02 10:37
S36	2579	Noguchi and "2003"	US-PGPUB; USPAT	SAME	ON	2007/08/02 10:38
S37	42	Noguchi and "2003" and honeycomb	US-PGPUB; USPAT	SAME	ON	2007/08/02 10:38
S38	181	428/116 and water glass	US-PGPUB; USPAT	SAME	ON	2007/08/02 15:54
S39	122	428/116 and water glass and honeycomb	US-PGPUB; USPAT	SAME	ON	2007/08/02 15:54
S40	33	S39 and alkali metal	US-PGPUB; USPAT	SAME	ON	2007/08/02 15:56
S41	2	428/116 and waterglass	US-PGPUB; USPAT	SAME	ON	2007/08/02 16:01
S42	54	428/116 and (waterglass or (water adj glass))	US-PGPUB; USPAT	SAME	ON	2007/08/02 16:01
S43	46	428/116 and (waterglass or (water adj glass)) and honeycomb	US-PGPUB; USPAT	SAME	ON	2007/08/02 16:01

## EAST Search History

S44	33	428/116 and mix and raw material and binder	US-PGPUB; USPAT	SAME	ON	2007/08/02 16:43
S45	0	428/116 and honeycomb and mix and extrud\$ and drying and calcinating and firing	US-PGPUB; USPAT	SAME	ON	2007/08/02 16:44
S46	0	428/116 and honeycomb and mix and extrude and (dry\$ or dried) and (calcinating or calcinate) and (firing or fire or fired)	US-PGPUB; USPAT	SAME	ON	2007/08/02 16:45
S47	0	(honeycomb adj structure) and mix and extrude and (dry\$ or dried) and (calcinating or calcinate) and (firing or fire or fired)	US-PGPUB; USPAT	SAME	ON	2007/08/02 16:46
S48	28359	honeycomb and (manufacture or method)	US-PGPUB; USPAT	SAME	ON	2007/08/02 16:46
S49	0	S48 and mix and extrude and calcinating	US-PGPUB; USPAT	SAME	ON	2007/08/02 16:47
S50	4	S48 and mix and form and calcinating	US-PGPUB; USPAT	SAME	ON	2007/08/02 16:47
S51	16	S48 and calcinate	US-PGPUB; USPAT	SAME	ON	2007/08/02 16:49
S52	3213	S48 and calcinate or calcinating or calcinated	US-PGPUB; USPAT	SAME	ON	2007/08/02 16:49
S53	2092	S52 and (mix or mixing or knead or combine)	US-PGPUB; USPAT	SAME	ON	2007/08/02 16:49
S54	836	S53 and binder	US-PGPUB; USPAT	SAME	ON	2007/08/02 16:50
S55	766	S54 and (dry or drying or dried)	US-PGPUB; USPAT	SAME	ON	2007/08/02 16:51
S56	593	S55 and (pore-forming or burn adj out or porosity or fired or fire or graphite or flour or starch or phenol resin or microcapsule or polyethylene or poly(methylemethacrylate))	US-PGPUB; USPAT	SAME	ON	2007/08/02 16:54
S57	277	S56 and silicon	US-PGPUB; USPAT	SAME	ON	2007/08/02 16:54
S58	104	S57 and alkali	US-PGPUB; USPAT	SAME	ON	2007/08/02 16:55
S59	2	428/116 and honeycomb and ((0.5%" or 1% or 5% or 10%) adj alkali metal)	US-PGPUB; USPAT	SAME	ON	2007/08/03 07:31
S60	3	428/116 and honeycomb and ((0.5%" or 1% or 5% or 10%) adj alkali)	US-PGPUB; USPAT	SAME	ON	2007/08/03 07:38

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S61	0	428/116 and honeycomb and (percentage adj alkali)	US-PGPUB; USPAT	SAME	ON	2007/08/03 07:39
S62	3	428/116 and honeycomb and ("0.5%" or "0.6%" or "0.7%" or "0.8%" or "0.9%" or 1% or 2% or 3% or 4% or 5% or 6% or 7% or 8% or 9% or 10%) adj alkali)	US-PGPUB; USPAT	SAME	ON	2007/08/03 07:41
S63	0	428/116 and honeycomb and ((percent or percentage)NEAR alkali)	US-PGPUB; USPAT	SAME	ON	2007/08/03 07:43
S64	4	428/116 and honeycomb and ((percent or percentage or "0.5%" or 10% or (parts adj mass))NEAR alkali)	US-PGPUB; USPAT	SAME	ON	2007/08/03 07:51
S65	13	428/116 and honeycomb and (((percent or percentage or "0.5%" or 10% )or (parts adj mass))NEAR (alkali or sodium or potassium or lithium or cesium or rubidium or francium))	US-PGPUB; USPAT	SAME	ON	2007/08/03 08:00
S66	17	428/116 and honeycomb and (((percent or percentage or "0.5%" or 1% or 5% or 10% )or (parts adj mass))NEAR (alkali or sodium or potassium or lithium or cesium or rubidium or francium))	US-PGPUB; USPAT	SAME	ON	2007/08/03 08:03
S67	0	428/34.5 and honeycomb and (((percent or percentage or "0.5%" or 1% or 5% or 10% )or (parts adj mass))NEAR (alkali or sodium or potassium or lithium or cesium or rubidium or francium))	US-PGPUB; USPAT	SAME	ON	2007/08/03 08:03
S68	2	428/304.4 and honeycomb and (((percent or percentage or "0.5%" or 1% or 5% or 10% )or (parts adj mass))NEAR (alkali or sodium or potassium or lithium or cesium or rubidium or francium))	US-PGPUB; USPAT	SAME	ON	2007/08/03 08:04
S69	1	501/154 and honeycomb and (((percent or percentage or "0.5%" or 1% or 5% or 10% )or (parts adj mass))NEAR (alkali or sodium or potassium or lithium or cesium or rubidium or francium))	US-PGPUB; USPAT	SAME	ON	2007/08/03 08:05
S70	3	55/523 and honeycomb and (((percent or percentage or "0.5%" or 1% or 5% or 10% )or (parts adj mass))NEAR (alkali or sodium or potassium or lithium or cesium or rubidium or francium))	US-PGPUB; USPAT	SAME	ON	2007/08/03 08:08

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S71	0	55/502 and honeycomb and (((percent or percentage or "0.5%" or 1% or 5% or 10% )or (parts adj mass))NEAR (alkali or sodium or potassium or lithium or cesium or rubidium or francium))	US-PGPUB; USPAT	SAME	ON	2007/08/03 08:08
S72	0	55/529 and honeycomb and (((percent or percentage or "0.5%" or 1% or 5% or 10% )or (parts adj mass))NEAR (alkali or sodium or potassium or lithium or cesium or rubidium or francium))	US-PGPUB; USPAT	SAME	ON	2007/08/03 08:08
S73	0	55/585.3 and honeycomb and (((percent or percentage or "0.5%" or 1% or 5% or 10% )or (parts adj mass))NEAR (alkali or sodium or potassium or lithium or cesium or rubidium or francium))	US-PGPUB; USPAT	SAME	ON	2007/08/03 08:08
S74	4	264/177.12 and honeycomb and (((percent or percentage or "0.5%" or 1% or 5% or 10% )or (parts adj mass))NEAR (alkali or sodium or potassium or lithium or cesium or rubidium or francium))	US-PGPUB; USPAT	SAME	ON	2007/08/03 08:13
S75	59	264/177.12 and honeycomb and (alkali or sodium or potassium or lithium or cesium or rubidium or francium)	US-PGPUB; USPAT	SAME	ON	2007/08/03 08:13
S76	11	428/116 and honeycomb and (calcinate or calcinating)	US-PGPUB; USPAT	SAME	ON	2007/08/03 09:06
S77	11	428/116 and honeycomb and (calcinate or calcinating or burn to remove organic)	US-PGPUB; USPAT	SAME	ON	2007/08/03 09:07
S78	11	428/116 and honeycomb and (calcinate or calcinating or (burn to remove organic))	US-PGPUB; USPAT	SAME	ON	2007/08/03 09:07
S79	185	428/116 and honeycomb and burn	US-PGPUB; USPAT	SAME	ON	2007/08/03 09:07
S80	2	428/116 and honeycomb and (burn NEAR organic)	US-PGPUB; USPAT	SAME	ON	2007/08/03 09:08
S81	27	honeycomb and (burn NEAR organic)	US-PGPUB; USPAT	SAME	ON	2007/08/03 09:11
S82	806	honeycomb and ((remov\$ or abstract or discard\$ or eliminat\$ or expel\$ or extract\$ or purg\$ or separat\$ or dispos\$ or eradicate) NEAR organic)	US-PGPUB; USPAT	SAME	ON	2007/08/03 09:15

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S83	182	honeycomb and ((remov\$ or abstract or discard\$ or eliminat\$ or expel\$ or extract\$ or purg\$ or separat\$ or dispos\$ or eradicate) NEAR organic binder)	US-PGPUB; USPAT	SAME	ON	2007/08/03 09:15
S84	0	428/116 honeycomb and ((remov\$ or abstract or discard\$ or eliminat\$ or expel\$ or extract\$ or purg\$ or separat\$ or dispos\$ or eradicate) NEAR organic binder)	US-PGPUB; USPAT	SAME	ON	2007/08/03 09:15
S85	0	428/116 honeycomb and ((remov\$ or abstract or discard\$ or eliminat\$ or expel\$ or extract\$ or purg\$ or separat\$ or dispos\$ or eradicate) NEAR organic)	US-PGPUB; USPAT	SAME	ON	2007/08/03 09:15
S86	1945	honeycomb and calcinat\$	US-PGPUB; USPAT	SAME	ON	2007/08/03 09:16
S87	265	honeycomb and calcinat\$ and firing	US-PGPUB; USPAT	SAME	ON	2007/08/03 09:16
S88	205	honeycomb and calcinat\$ and firing and (mix or mixing)	US-PGPUB; USPAT	SAME	ON	2007/08/03 09:17
S89	203	honeycomb and calcinat\$ and firing and (mix or mixing) and (dry or drying or dried)	US-PGPUB; USPAT	SAME	ON	2007/08/03 09:17
S90	201	honeycomb and calcinat\$ and firing and (mix or mixing) and (dry or drying or dried) and (extrude or form or forming or formed)	US-PGPUB; USPAT	SAME	ON	2007/08/03 09:18
S91	140	honeycomb and calcinat\$ and firing and (mix or mixing) and (dry or drying or dried) and (extrude or form or forming or formed) and (alkali or sodium or potassium)	US-PGPUB; USPAT	SAME	ON	2007/08/03 09:18
S92	51	honeycomb and calcinat\$ and firing and (mix or mixing) and (dry or drying or dried) and (extrude or form or forming or formed) and (alkali or sodium or potassium) and clay	US-PGPUB; USPAT	SAME	ON	2007/08/03 09:33
S93	0	501/154 honeycomb and calcinat\$ and firing and (mix or mixing) and (dry or drying or dried) and (extrude or form or forming or formed) and clay	US-PGPUB; USPAT	SAME	ON	2007/08/03 09:34
S94	0	501/154 honeycomb and calcinat\$ and firing and (mix or mixing) and (dry or drying or dried) and (extrude or form or forming or formed)	US-PGPUB; USPAT	SAME	ON	2007/08/03 09:34

## EAST Search History

S95	5	501/154 and honeycomb and calcinat\$ and firing and (mix or mixing) and (dry or drying or dried) and (extrude or form or forming or formed)	US-PGPUB; USPAT	SAME	ON	2007/08/03 09:39
S96	81	honeycomb and calcinat\$ and firing and (mix or mixing) and (dry or drying or dried) and (extrude or form or forming or formed) and clay	US-PGPUB; USPAT	SAME	ON	2007/08/03 09:57
S97	223	honeycomb and (calcinat\$ or calcined) and firing and (mix or mixing) and (dry or drying or dried) and (extrude or form or forming or formed) and clay	US-PGPUB; USPAT	SAME	ON	2007/08/03 09:57
S98	223	honeycomb and (calcinat\$ or calcined or calcine) and firing and (mix or mixing) and (dry or drying or dried) and (extrude or form or forming or formed) and clay	US-PGPUB; USPAT	SAME	ON	2007/08/03 11:27
S99	231	honeycomb and (calcinat\$ or calcined or calcine or degreas\$ or debind%) and firing and (mix or mixing) and (dry or drying or dried) and (extrude or form or forming or formed) and clay	US-PGPUB; USPAT	SAME	ON	2007/08/03 11:27
S100	101	honeycomb and (calcinat\$ or calcined or calcine or degreas\$ or debind%) and firing and (mix or mixing) and (dry or drying or dried) and (extrude or form or forming or formed) and clay and (alkali or sodium or potassium) and (silicon)	US-PGPUB; USPAT	SAME	ON	2007/08/03 14:29
S101	8	honeycomb and (calcinat\$ or calcined or calcine or degreas\$ or debind%) and firing and (mix or mixing) and (dry or drying or dried) and (extrude or form or forming or formed) and clay and (alkali or sodium or potassium) and (silicon) and pore-forming agent	US-PGPUB; USPAT	SAME	ON	2007/08/03 14:31
S102	11	honeycomb and (calcinat\$ or calcined or calcine or degreas\$ or debind%) and firing and (mix or mixing) and (dry or drying or dried) and (extrude or form or forming or formed) and clay and (alkali or sodium or potassium) and (silicon) and ((pore-forming adj agent) or (pore adj forming adj agent))	US-PGPUB; USPAT	SAME	ON	2007/08/03 14:35

## EAST Search History

S10 3	5	"5,256,347"	US-PGPUB; USPAT	SAME	ON	2007/08/03 14:39
S10 4	1	"7,041,358" B2	US-PGPUB; USPAT	SAME	ON	2007/08/03 14:58
S10 5	20	D392236	US-PGPUB; USPAT	SAME	ON	2007/08/03 14:58